Acme Analytical Laboratories (Vancouver) Ltd.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada

www.acmelab.com

Client: **Selene Holdings LP**
Suite 410, 700 W. Pender Street
Vancouver BC V6C 1G8 Canada

Submitted By: Jean-Pierre Londero
Receiving Lab: Canada-Vancouver
Received: August 04, 2011
Report Date: February 21, 2012

CERTIFICATE OF ANALYSIS VAN11003670.2

CLIENT JOB INFORMATION

Project: JP Ross
Shipment ID: JR00362011
P.O. Number
Number of Samples: 148

SAMPLE DISPOSAL

STOR-PLP Store After 90 days Invoice for Storage
DISP-RJT Dispose of Reject After 90 days

Acme does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
Dry at 60C	148	Dry at 60C			VAN
SS80	148	Dry at 60C sieve 100g to -80 mesh			VAN
RJSV	148	Saving all or part of Soil Reject			VAN
1F02	148	1:1:1 Aqua Regia digestion Ultratrace ICP-MS analysis	15	Completed	VAN

ADDITIONAL COMMENTS

Version 2: Revised Sample ID's

Invoice To: Selene Holdings LP
Suite 410, 700 W. Pender Street
Vancouver BC V6C 1G8
Canada

CC: Keith Fowlow

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
GENERAL MANAGER

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.
All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.
"*" asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.

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	Method	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01	0.001
CAG196201	Sediment	0.51	7.02	8.26	34.5	51	6.7	5.4	251	1.64	5.3	1.2	3.2	4.3	32.4	0.11	0.38	0.13	29	0.31	0.060
CAG196202	Sediment	0.51	13.10	6.92	42.6	50	13.7	10.0	601	2.13	4.4	1.0	2.3	3.6	60.1	0.11	0.26	0.11	40	0.62	0.088
CAG196203	Sediment	0.36	14.42	5.39	40.1	37	32.6	8.7	270	1.73	2.7	0.7	1.2	3.0	34.4	0.06	0.15	0.07	37	0.47	0.095
CAG196204	Sediment	0.24	10.59	5.38	31.0	25	31.4	8.2	331	1.45	2.1	0.5	<0.2	2.1	29.5	0.05	0.11	0.04	29	0.39	0.070
CAG196205	Sediment	0.23	11.73	4.52	35.2	33	27.9	8.6	368	1.59	2.5	0.5	0.9	2.3	34.5	0.05	0.14	0.05	33	0.45	0.070
CAG196206	Sediment	0.45	6.59	4.93	33.8	35	6.4	6.9	317	1.87	3.9	0.4	5.7	2.3	26.7	0.06	0.19	0.05	39	0.50	0.081
CAG196207	Sediment	0.29	5.57	4.54	30.6	29	5.6	6.0	225	1.74	3.8	0.4	0.5	2.2	19.9	0.04	0.21	0.06	32	0.46	0.076
CAG196208	Sediment	0.37	7.09	4.44	34.1	29	7.0	6.0	233	1.89	3.9	0.6	<0.2	3.0	17.0	0.05	0.20	0.06	32	0.33	0.075
CAG196209	Sediment	0.31	6.17	3.75	27.2	25	5.3	4.8	249	1.54	3.0	0.5	<0.2	2.6	14.1	0.06	0.16	0.06	27	0.30	0.068
CAG196210	Sediment	0.45	6.80	5.69	31.9	38	6.9	7.0	554	1.79	3.2	0.7	9.0	2.9	18.9	0.06	0.20	0.05	31	0.37	0.070
CAG196211	Sediment	0.29	5.81	3.94	29.7	25	6.4	5.5	294	1.59	2.5	0.5	<0.2	2.7	15.2	0.04	0.16	0.06	28	0.33	0.065
CAG196212	Sediment	0.32	8.89	5.00	39.9	36	10.1	6.2	218	1.78	3.3	0.7	5.0	3.6	20.5	0.10	0.25	0.09	32	0.36	0.074
CAG196213	Sediment	0.34	8.89	4.66	37.1	28	8.1	6.1	259	1.99	3.9	0.6	6.8	3.8	15.8	0.07	0.21	0.07	32	0.35	0.083
CAG196214	Sediment	0.29	4.63	7.65	42.5	32	6.0	3.6	118	1.49	2.7	0.6	1.6	3.3	35.4	0.04	0.25	0.11	24	0.35	0.070
CAG196215	Sediment	0.42	5.80	8.90	48.7	48	5.8	4.9	220	2.16	6.4	0.8	1.1	3.7	45.2	0.08	0.34	0.20	32	0.38	0.086
CAG196216	Sediment	0.86	5.52	8.59	58.2	43	6.1	6.7	428	3.48	12.7	0.9	0.3	3.8	57.0	0.10	0.29	0.16	49	0.52	0.119
CAG196217	Sediment	0.54	7.59	10.75	56.0	72	7.6	6.6	338	2.22	4.8	0.8	3.5	3.7	59.9	0.10	0.32	0.11	44	0.50	0.088
CAG196218	Sediment	0.31	6.84	8.37	45.0	52	7.3	4.8	232	1.61	3.5	0.8	2.0	3.0	42.1	0.06	0.28	0.12	32	0.40	0.067
CAG196219	Sediment	1.46	10.95	13.32	63.5	64	8.8	8.0	512	2.63	8.2	2.1	0.6	4.5	95.2	0.15	0.35	0.14	55	0.73	0.104
CAG196220	Sediment	1.07	11.19	13.49	67.0	81	13.4	11.3	3072	2.60	17.3	2.7	17.5	3.7	105.7	0.35	0.35	0.15	61	0.75	0.122
CAG196221	Sediment	1.06	11.93	13.77	62.9	63	12.0	11.3	1244	2.34	8.3	2.0	1.7	4.8	111.4	0.20	0.28	0.17	39	0.73	0.097
CAG196222	Sediment	0.51	9.19	5.13	37.0	57	13.6	5.3	182	1.64	2.7	0.5	30.9	2.9	28.3	0.08	0.20	0.15	43	0.40	0.136
CAG196223	Sediment	0.71	8.92	7.50	39.7	46	11.8	6.7	316	1.86	4.2	0.9	2.3	3.8	44.0	0.10	0.22	0.11	37	0.43	0.089
CAG196224	Sediment	0.60	8.82	8.18	39.9	43	9.5	5.4	245	1.67	3.6	0.9	2.2	3.7	41.4	0.10	0.25	0.11	34	0.42	0.075
CAG196225	Sediment	0.54	9.83	8.90	43.2	46	10.0	6.3	336	1.78	4.0	1.0	1.1	3.9	46.5	0.11	0.23	0.11	34	0.48	0.086
CAG196226	Sediment	0.71	22.73	10.59	78.2	129	23.9	20.9	3697	4.67	15.0	1.7	3.0	3.3	78.7	0.43	0.46	0.20	55	1.06	0.104
CAG196227	Sediment	0.31	10.54	6.19	51.8	55	16.0	8.5	501	2.76	7.2	0.7	3.3	3.8	34.9	0.10	0.26	0.08	39	0.57	0.103
CAG196228	Sediment	0.26	8.05	5.00	46.8	35	13.2	6.9	304	1.74	2.7	0.6	19.0	3.7	24.7	0.08	0.21	0.07	33	0.41	0.082
CAG196229	Sediment	0.28	10.76	5.98	47.1	55	15.5	7.4	255	1.82	3.1	0.6	2.6	3.5	25.1	0.10	0.18	0.06	35	0.48	0.135
CAG196230	Sediment	1.61	18.20	13.89	84.7	87	30.3	12.0	1012	3.44	8.2	1.2	0.7	5.4	57.5	0.27	0.28	0.13	49	0.43	0.100

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	Method	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm
	MDL	0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1
CAG196201	Sediment	13.7	13.7	0.20	129.0	0.030	3	0.75	0.008	0.03	<0.1	2.6	0.10	<0.02	24	<0.1	<0.02	2.2
CAG196202	Sediment	11.7	24.2	0.46	196.0	0.035	3	1.17	0.019	0.06	0.1	4.0	0.08	<0.02	32	0.2	<0.02	3.1
CAG196203	Sediment	10.7	43.2	0.55	194.5	0.046	2	1.08	0.011	0.09	<0.1	3.0	0.08	<0.02	26	<0.1	<0.02	3.3
CAG196204	Sediment	7.0	51.9	0.49	120.0	0.034	1	0.77	0.013	0.05	0.1	2.3	0.05	<0.02	14	<0.1	<0.02	2.2
CAG196205	Sediment	7.8	42.4	0.49	142.2	0.045	2	0.92	0.016	0.07	<0.1	2.6	0.05	<0.02	13	<0.1	<0.02	2.7
CAG196206	Sediment	7.0	11.4	0.40	153.9	0.056	2	1.23	0.025	0.10	0.1	3.3	0.04	<0.02	25	<0.1	<0.02	3.2
CAG196207	Sediment	7.4	9.2	0.33	123.5	0.051	2	1.02	0.024	0.06	0.1	3.0	0.04	<0.02	15	<0.1	<0.02	2.8
CAG196208	Sediment	10.4	10.9	0.39	140.8	0.051	1	0.99	0.015	0.07	0.1	2.8	0.04	<0.02	20	<0.1	<0.02	2.9
CAG196209	Sediment	9.9	9.2	0.33	120.8	0.050	1	0.80	0.014	0.07	0.2	2.7	0.04	<0.02	<5	<0.1	<0.02	2.8
CAG196210	Sediment	12.1	11.5	0.33	157.6	0.056	1	0.87	0.016	0.06	0.2	2.8	0.05	<0.02	18	<0.1	<0.02	2.9
CAG196211	Sediment	9.9	9.8	0.33	117.9	0.050	1	0.79	0.015	0.07	0.2	2.7	0.05	<0.02	14	<0.1	<0.02	2.6
CAG196212	Sediment	12.4	15.3	0.46	164.9	0.061	1	0.98	0.016	0.08	0.2	2.7	0.05	<0.02	35	<0.1	<0.02	3.0
CAG196213	Sediment	11.6	13.6	0.49	158.7	0.060	1	1.06	0.014	0.14	0.2	3.2	0.07	<0.02	16	0.1	<0.02	3.4
CAG196214	Sediment	12.1	10.4	0.29	121.9	0.067	1	1.00	0.025	0.03	0.2	2.2	0.05	<0.02	16	<0.1	<0.02	2.5
CAG196215	Sediment	14.2	10.2	0.35	149.4	0.073	2	1.13	0.030	0.03	0.2	2.6	0.04	<0.02	24	<0.1	<0.02	3.3
CAG196216	Sediment	17.0	9.7	0.42	162.7	0.080	1	1.04	0.035	0.03	0.2	2.8	0.04	<0.02	31	<0.1	<0.02	3.4
CAG196217	Sediment	15.0	13.5	0.43	223.0	0.087	1	1.17	0.033	0.05	0.2	2.9	0.05	<0.02	30	<0.1	<0.02	3.6
CAG196218	Sediment	13.1	13.1	0.35	150.3	0.065	1	1.11	0.022	0.03	0.2	2.6	0.06	<0.02	37	0.1	<0.02	3.0
CAG196219	Sediment	17.8	12.7	0.50	257.2	0.082	1	1.32	0.046	0.07	0.1	3.7	0.11	<0.02	49	<0.1	<0.02	3.9
CAG196220	Sediment	18.4	16.2	0.46	302.6	0.060	2	1.34	0.031	0.05	0.1	3.5	0.11	0.02	41	0.3	0.02	3.9
CAG196221	Sediment	19.0	12.4	0.46	381.4	0.038	2	1.13	0.034	0.07	<0.1	3.1	0.14	<0.02	21	0.2	<0.02	3.6
CAG196222	Sediment	12.3	25.7	0.32	215.2	0.054	1	0.80	0.007	0.05	0.5	2.3	0.04	<0.02	25	0.1	<0.02	2.8
CAG196223	Sediment	14.0	18.6	0.36	311.7	0.042	2	0.93	0.014	0.07	0.2	2.3	0.09	<0.02	20	<0.1	<0.02	2.9
CAG196224	Sediment	13.9	14.8	0.34	267.6	0.041	2	0.91	0.016	0.07	0.1	2.3	0.09	<0.02	18	<0.1	<0.02	2.9
CAG196225	Sediment	14.3	14.8	0.34	304.8	0.040	3	0.93	0.016	0.07	0.1	2.3	0.09	<0.02	20	0.1	0.03	3.0
CAG196226	Sediment	18.5	29.4	0.51	591.7	0.038	4	1.51	0.014	0.07	<0.1	4.5	0.16	0.07	89	0.6	0.02	4.4
CAG196227	Sediment	14.7	23.7	0.46	223.7	0.057	1	1.10	0.014	0.05	0.4	2.7	0.07	0.03	31	<0.1	<0.02	3.5
CAG196228	Sediment	13.2	21.2	0.46	161.1	0.055	2	1.01	0.014	0.05	0.2	2.3	0.06	<0.02	21	0.2	<0.02	3.4
CAG196229	Sediment	12.9	25.1	0.54	220.0	0.060	1	0.99	0.013	0.06	0.6	2.6	0.06	0.03	27	0.2	<0.02	3.3
CAG196230	Sediment	26.0	33.8	0.60	304.2	0.024	2	1.49	0.009	0.11	0.2	2.7	0.11	<0.02	19	0.2	0.05	4.7

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	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01	0.001
CAG196231	Sediment	1.81	19.84	12.95	90.3	61	44.0	19.9	1588	3.87	9.9	1.1	0.5	5.2	52.6	0.37	0.28	0.12	59	0.41	0.093
CAG196232	Sediment	1.39	13.21	22.64	88.8	290	20.0	8.1	568	2.00	8.0	0.9	31.3	3.6	43.1	0.41	0.42	0.25	36	0.38	0.076
CAG196233	Sediment	1.99	17.59	21.52	103.1	242	34.9	15.6	1344	3.07	11.7	1.2	8.5	3.8	46.1	0.55	0.45	0.25	51	0.42	0.085
CAG196234	Sediment	1.38	12.43	9.15	67.1	66	28.3	11.2	680	2.62	8.4	0.7	1.3	3.4	26.8	0.17	0.26	0.11	46	0.29	0.078
CAG196235	Sediment	1.56	21.53	19.24	107.3	218	49.0	17.6	1070	3.29	10.4	1.3	4.2	3.8	55.4	0.42	0.35	0.17	63	0.54	0.113
CAG196236	Sediment	1.37	14.76	13.28	79.4	85	34.1	14.5	1309	2.68	14.3	0.8	1.1	3.5	34.8	0.30	0.30	0.14	50	0.33	0.090
CAG196237	Sediment	1.27	19.16	12.69	73.6	70	31.1	12.0	680	2.57	10.4	0.9	5.1	4.0	37.1	0.28	0.46	0.21	52	0.34	0.092
CAG196238	Sediment	1.29	15.97	10.80	88.1	58	33.9	14.6	946	2.94	12.2	0.8	4.2	3.7	37.2	0.28	0.37	0.18	57	0.30	0.070
CAG196239	Sediment	0.86	18.23	14.43	81.7	129	29.8	12.1	612	2.40	8.2	1.1	3.0	3.3	61.1	0.27	0.34	0.15	48	0.56	0.098
CAG196240	Sediment	0.45	14.42	12.81	72.5	85	23.7	8.4	413	2.10	5.4	1.3	5.4	3.8	73.0	0.27	0.31	0.11	44	0.58	0.113
CAG196241	Sediment	0.72	13.13	18.71	78.5	71	25.5	10.4	590	2.47	7.6	1.2	7.5	4.0	69.6	0.20	0.32	0.11	48	0.56	0.136
CAG196242	Sediment	0.58	12.12	11.85	73.6	75	22.8	9.3	540	2.22	6.3	1.2	7.6	3.8	66.6	0.19	0.29	0.10	43	0.54	0.112
CAG196243	Sediment	0.31	10.29	8.34	46.6	30	11.6	7.2	286	1.80	3.7	0.9	20.0	4.5	28.0	0.09	0.26	0.20	34	0.56	0.130
CAG196244	Sediment	0.32	9.75	6.08	45.9	25	11.6	7.9	356	1.94	5.3	0.6	2.3	3.9	28.3	0.09	0.30	0.09	31	0.47	0.106
CAG196245	Sediment	0.30	10.66	5.83	50.4	33	13.3	7.4	250	1.77	4.0	0.7	1.1	4.0	28.0	0.11	0.30	0.10	33	0.53	0.093
CAG196246	Sediment	0.53	13.80	10.54	65.1	51	20.0	9.6	550	2.23	6.7	1.1	1.5	4.1	58.8	0.18	0.32	0.23	41	0.56	0.117
CAG196247	Sediment	0.53	13.43	9.54	62.1	58	19.9	9.4	510	2.15	6.2	1.0	1.4	4.0	53.7	0.17	0.31	0.14	42	0.55	0.107
CAG196248	Sediment	0.65	14.68	10.98	67.3	64	22.6	10.7	796	2.37	7.7	1.1	2.0	3.8	59.4	0.22	0.32	0.13	45	0.59	0.105
CAG196601	Sediment	2.65	20.17	105.5	364.0	403	34.6	19.6	1825	4.25	29.0	0.9	4.0	3.7	33.8	6.32	2.02	0.72	61	0.44	0.116
CAG196602	Sediment	1.08	20.99	22.89	132.0	84	28.9	16.1	1138	2.69	8.6	0.5	2.9	3.4	16.6	1.31	0.51	0.18	53	0.29	0.084
CAG196603	Sediment	1.37	14.33	38.51	194.0	116	24.4	19.3	1880	3.19	11.1	1.0	1.0	4.0	30.1	2.12	0.71	0.25	58	0.37	0.098
CAG196604	Sediment	1.00	31.53	6.75	47.8	19	28.0	11.3	694	2.90	2.9	1.1	0.6	3.8	49.9	0.11	0.12	0.07	41	0.22	0.057
CAG196605	Sediment	0.88	21.73	24.54	106.8	245	26.5	12.4	702	2.83	5.1	1.5	246.5	4.6	88.5	0.46	0.34	0.18	47	0.54	0.116
CAG196606	Sediment	0.83	12.99	23.19	96.9	67	22.4	11.0	977	2.38	6.9	0.9	1.3	3.7	50.6	0.44	0.39	0.12	43	0.36	0.104
CAG196607	Sediment	0.67	11.03	21.91	110.6	91	21.3	9.6	418	2.27	5.4	0.9	2.4	3.7	52.8	0.34	0.35	0.11	40	0.42	0.117
CAG196608	Sediment	0.62	13.28	8.18	59.5	44	31.4	9.5	561	2.50	6.7	1.2	1.6	4.8	73.5	0.09	0.22	0.08	53	0.63	0.152
CAG196609	Sediment	0.46	16.80	6.31	55.5	51	39.8	9.8	397	2.12	4.6	0.8	1.9	3.7	44.5	0.09	0.15	0.05	47	0.58	0.171
CAG196610	Sediment	0.92	18.78	8.22	67.6	44	53.8	11.2	464	2.68	10.7	1.0	1.7	4.6	55.2	0.11	0.26	0.09	54	0.63	0.153
CAG196611	Sediment	0.70	16.65	10.02	65.9	40	38.7	11.5	704	2.83	7.8	1.4	1.6	4.7	85.9	0.14	0.26	0.08	60	0.66	0.140
CAG196612	Sediment	0.93	9.64	20.94	86.1	45	21.7	11.9	737	3.33	7.4	1.3	0.6	5.5	57.2	0.19	0.33	0.05	83	0.65	0.128

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Suite 410, 700 W. Pender Street
Vancouver BC V6C 1G8 Canada

Project: JP Ross
Report Date: February 21, 2012

CERTIFICATE OF ANALYSIS VAN11003670.2

	Method	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm
	MDL	0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1
CAG196231	Sediment	23.3	54.2	0.72	351.4	0.032	1	1.49	0.009	0.10	0.2	2.8	0.09	<0.02	14	0.2	0.03	4.9
CAG196232	Sediment	19.6	32.6	0.50	220.4	0.034	<1	1.28	0.010	0.04	0.4	2.3	0.10	0.02	28	<0.1	<0.02	3.8
CAG196233	Sediment	21.7	44.4	0.63	292.2	0.034	1	1.47	0.010	0.07	0.2	2.9	0.11	0.02	21	0.3	<0.02	4.5
CAG196234	Sediment	15.0	39.4	0.49	220.4	0.042	1	1.06	0.010	0.10	0.1	2.5	0.07	<0.02	22	0.3	0.04	3.6
CAG196235	Sediment	19.9	63.3	0.79	417.5	0.059	1	1.59	0.008	0.12	0.1	3.7	0.11	0.03	38	0.4	<0.02	5.1
CAG196236	Sediment	14.8	43.4	0.57	287.8	0.042	1	1.13	0.008	0.10	0.1	2.7	0.09	<0.02	13	0.2	0.07	3.8
CAG196237	Sediment	15.5	38.1	0.60	276.8	0.038	2	1.16	0.010	0.11	0.2	2.4	0.08	<0.02	10	0.2	0.10	3.8
CAG196238	Sediment	14.6	42.2	0.67	241.7	0.048	2	1.24	0.012	0.11	<0.1	2.6	0.09	<0.02	8	0.1	0.05	4.3
CAG196239	Sediment	14.5	37.7	0.63	256.6	0.047	2	1.29	0.013	0.09	0.2	3.0	0.09	0.03	11	0.2	0.04	4.0
CAG196240	Sediment	14.7	32.7	0.54	239.2	0.055	1	1.10	0.020	0.09	0.3	2.7	0.07	0.02	16	<0.1	0.02	3.7
CAG196241	Sediment	14.4	38.4	0.57	256.9	0.060	2	1.06	0.019	0.10	0.2	2.8	0.07	<0.02	17	0.1	<0.02	3.8
CAG196242	Sediment	14.5	32.6	0.53	250.1	0.056	2	1.06	0.019	0.09	0.2	2.7	0.07	0.02	20	<0.1	<0.02	3.6
CAG196243	Sediment	12.6	21.8	0.41	109.9	0.056	1	0.90	0.013	0.12	0.3	2.2	0.09	<0.02	13	0.2	<0.02	3.1
CAG196244	Sediment	11.3	19.4	0.47	141.8	0.051	1	0.98	0.014	0.08	0.2	2.0	0.05	<0.02	6	<0.1	0.02	3.1
CAG196245	Sediment	13.7	19.4	0.45	162.8	0.062	1	1.00	0.017	0.06	0.3	2.1	0.05	<0.02	21	<0.1	<0.02	3.4
CAG196246	Sediment	13.9	29.0	0.50	213.3	0.056	1	1.01	0.016	0.11	0.2	2.5	0.09	<0.02	14	0.2	0.02	3.4
CAG196247	Sediment	13.7	28.0	0.51	223.4	0.057	2	1.03	0.018	0.10	0.2	2.5	0.08	<0.02	15	<0.1	<0.02	3.5
CAG196248	Sediment	13.3	30.7	0.56	235.0	0.059	2	1.12	0.020	0.11	0.2	3.0	0.08	0.02	20	0.1	<0.02	3.4
CAG196601	Sediment	21.7	42.9	0.61	380.6	0.019	2	1.25	0.010	0.08	0.1	3.1	0.14	0.02	12	0.2	0.09	3.9
CAG196602	Sediment	14.3	37.1	0.57	272.0	0.046	1	1.09	0.009	0.10	<0.1	2.7	0.08	<0.02	9	<0.1	0.06	4.3
CAG196603	Sediment	18.1	29.0	0.54	277.4	0.035	2	1.11	0.011	0.07	0.2	2.8	0.08	<0.02	8	<0.1	0.07	3.8
CAG196604	Sediment	14.9	29.1	0.42	207.3	0.052	2	0.92	0.010	0.35	<0.1	3.7	0.16	<0.02	<5	<0.1	0.03	3.5
CAG196605	Sediment	20.0	33.0	0.50	233.5	0.032	3	1.19	0.011	0.18	0.1	3.6	0.14	<0.02	16	<0.1	<0.02	4.0
CAG196606	Sediment	13.9	28.6	0.42	243.1	0.034	2	0.86	0.009	0.10	0.2	2.3	0.07	<0.02	6	<0.1	0.03	3.1
CAG196607	Sediment	14.8	30.1	0.50	196.3	0.033	1	0.98	0.010	0.08	0.2	2.4	0.07	0.02	10	<0.1	0.05	3.2
CAG196608	Sediment	15.5	53.2	0.64	290.2	0.072	1	1.13	0.027	0.13	0.3	3.1	0.07	<0.02	5	<0.1	<0.02	4.0
CAG196609	Sediment	12.6	53.3	0.63	275.1	0.067	1	1.12	0.015	0.17	0.1	3.1	0.10	<0.02	9	0.2	0.02	3.9
CAG196610	Sediment	16.1	65.2	0.72	278.7	0.070	1	1.29	0.018	0.17	0.1	3.4	0.11	<0.02	10	<0.1	<0.02	4.6
CAG196611	Sediment	15.8	56.8	0.72	333.3	0.078	1	1.27	0.028	0.15	0.2	3.4	0.08	0.02	7	0.1	0.03	4.6
CAG196612	Sediment	17.9	45.9	0.91	201.0	0.093	2	1.18	0.023	0.05	0.2	3.8	0.03	<0.02	5	<0.1	<0.02	5.3

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Project: JP Ross
Report Date: February 21, 2012

CERTIFICATE OF ANALYSIS VAN11003670.2

	Method	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01	0.001
CAG196613	Sediment	0.52	12.75	12.73	57.2	80	22.4	9.0	457	2.27	6.0	2.6	1.5	4.3	122.2	0.13	0.19	0.07	60	0.78	0.108
CAG196614	Sediment	0.63	14.05	10.22	64.3	118	24.0	9.6	613	2.54	8.9	4.2	2.0	3.9	139.5	0.16	0.21	0.05	61	0.87	0.119
CAG196615	Sediment	0.35	9.60	11.75	57.4	45	21.2	6.8	235	1.92	3.9	1.6	0.3	4.0	130.7	0.09	0.18	0.04	39	0.70	0.109
CAG196616	Sediment	0.35	7.00	11.55	56.3	64	13.1	7.0	474	2.23	5.1	1.4	7.5	4.1	119.5	0.09	0.23	0.20	45	0.73	0.137
CAG196617	Sediment	0.41	8.51	11.62	54.4	79	13.6	6.7	320	2.20	5.4	1.8	2.3	4.0	132.1	0.10	0.25	0.14	42	0.75	0.103
CAG196618	Sediment	1.11	20.13	12.19	65.8	110	20.7	15.2	885	4.38	27.9	1.0	3.4	3.8	81.4	0.23	0.62	0.18	58	0.72	0.117
CAG196619	Sediment	0.58	12.90	11.41	75.4	73	20.1	9.4	495	2.73	7.5	1.4	6.6	4.4	94.9	0.16	0.34	0.11	59	0.75	0.111
CAG196620	Sediment	0.91	6.27	16.63	68.0	82	8.8	8.3	391	3.16	8.2	1.8	0.7	4.8	73.9	0.05	0.32	0.11	54	0.64	0.129
CAG196621	Sediment	0.71	6.39	12.10	63.5	37	8.9	8.3	721	2.49	4.2	1.1	0.3	4.3	94.4	0.08	0.18	0.13	50	0.70	0.102
CAG196622	Sediment	1.10	12.61	18.16	79.9	43	29.0	14.0	1090	4.00	13.4	1.9	0.9	5.3	125.7	0.17	0.36	0.14	73	0.76	0.141
CAG196623	Sediment	0.81	13.54	10.65	74.6	51	29.1	11.8	944	2.92	9.5	2.0	1.4	4.7	124.9	0.18	0.30	0.12	62	0.74	0.119
CAG196624	Sediment	0.70	17.91	8.77	62.2	30	43.4	11.9	797	2.83	6.6	1.3	0.7	4.8	76.8	0.10	0.20	0.07	60	0.65	0.150
CAG196625	Sediment	0.55	10.46	6.37	39.2	18	16.7	6.1	411	1.83	3.5	0.5	4.0	3.0	21.5	0.10	0.17	0.11	43	0.25	0.092
CAG196626	Sediment	0.76	12.51	9.34	41.5	46	15.3	6.8	570	1.75	3.8	1.0	1.9	3.5	53.1	0.14	0.22	0.12	37	0.41	0.077
CAG196627	Sediment	0.70	13.29	9.51	43.3	47	18.4	7.9	755	2.08	5.6	1.0	3.2	3.7	45.2	0.10	0.19	0.08	41	0.34	0.086
CAG196628	Sediment	0.59	10.79	8.74	45.6	40	15.9	6.4	312	1.99	4.6	0.8	2.7	3.9	40.8	0.07	0.18	0.07	39	0.31	0.084
CAG196629	Sediment	0.70	18.61	10.13	55.8	98	25.1	9.6	456	2.54	8.7	0.8	9.5	4.1	44.5	0.15	0.36	0.28	59	0.55	0.139
CAG196630	Sediment	0.61	14.44	7.87	57.8	98	19.4	10.7	799	2.25	8.5	0.9	3.2	3.1	28.9	0.17	0.25	0.09	51	0.47	0.082
CAG196631	Sediment	0.38	11.19	5.78	39.8	57	17.1	6.5	307	1.76	4.8	0.7	2.5	3.3	36.9	0.10	0.23	0.06	41	0.40	0.108
CAG196632	Sediment	0.57	17.43	9.72	57.2	88	21.0	9.5	521	2.13	6.1	1.2	2.9	3.8	44.9	0.14	0.32	0.08	48	0.55	0.090
CAG196633	Sediment	0.45	10.56	9.17	55.9	49	12.5	8.7	562	2.27	5.4	1.1	3.8	3.4	37.0	0.11	0.27	0.05	43	0.59	0.097
CAG196634	Sediment	0.54	7.86	9.77	48.9	21	10.1	7.6	315	2.31	6.3	0.8	2.6	3.6	28.7	0.07	0.24	0.03	41	0.55	0.108
CAG196635	Sediment	0.55	8.09	7.81	46.9	26	10.9	6.3	306	2.08	4.6	0.7	0.6	3.3	23.7	0.07	0.26	0.03	42	0.49	0.112
CAG196636	Sediment	0.29	8.23	7.48	47.6	24	9.0	8.7	330	2.64	4.6	0.7	2.1	3.5	38.4	0.07	0.21	<0.02	51	0.74	0.146
CAG196637	Sediment	0.55	9.31	12.28	54.5	52	11.3	9.1	486	3.09	9.3	1.2	2.0	4.0	52.4	0.09	0.28	0.06	44	0.62	0.110
CAG196638	Sediment	0.29	5.93	8.60	44.1	31	7.5	5.5	240	1.74	3.5	0.8	5.1	4.3	55.7	0.09	0.21	0.03	31	0.48	0.092
CAG196651	Sediment	0.27	18.58	4.14	29.7	12	50.5	10.9	307	1.58	1.2	0.2	<0.2	1.1	17.6	0.07	0.05	<0.02	44	0.44	0.114
CAG196652	Sediment	0.28	11.43	3.61	23.7	12	22.2	6.7	177	1.28	1.2	0.6	<0.2	2.5	30.7	0.06	0.06	<0.02	27	0.43	0.072
CAG196653	Sediment	0.26	11.92	3.16	23.0	7	26.7	7.2	176	1.33	1.1	0.4	<0.2	2.0	27.0	0.03	0.05	<0.02	30	0.43	0.086
CAG196654	Sediment	0.24	11.26	4.87	27.8	3	19.8	7.1	212	1.61	1.6	0.8	0.5	5.7	30.8	0.02	0.07	<0.02	28	0.49	0.105

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	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm
	MDL	0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1
CAG196613	Sediment	16.9	42.0	0.88	152.0	0.094	2	1.34	0.026	0.04	0.2	3.7	0.03	<0.02	16	0.1	<0.02	4.8
CAG196614	Sediment	19.7	43.4	0.88	185.0	0.082	2	1.33	0.026	0.04	0.2	4.6	0.04	0.03	21	0.2	<0.02	4.6
CAG196615	Sediment	14.6	31.6	0.71	185.9	0.073	2	1.12	0.034	0.05	0.2	2.8	0.03	<0.02	15	<0.1	<0.02	3.9
CAG196616	Sediment	16.2	24.0	0.61	197.5	0.077	1	1.12	0.064	0.06	0.2	2.8	0.03	<0.02	22	0.1	<0.02	3.8
CAG196617	Sediment	16.3	22.6	0.60	234.6	0.070	2	1.31	0.066	0.06	0.2	3.1	0.07	<0.02	20	0.1	<0.02	4.1
CAG196618	Sediment	17.4	26.4	0.51	349.8	0.063	2	1.64	0.033	0.07	0.2	3.7	0.07	0.02	36	0.4	0.03	4.5
CAG196619	Sediment	14.9	38.2	0.83	206.0	0.079	3	1.24	0.042	0.06	0.2	3.4	0.04	<0.02	16	<0.1	<0.02	4.3
CAG196620	Sediment	17.4	16.2	0.61	235.7	0.059	2	1.37	0.030	0.06	0.3	3.0	0.05	<0.02	8	<0.1	<0.02	4.5
CAG196621	Sediment	16.7	15.6	0.62	260.2	0.057	2	1.49	0.031	0.06	0.1	3.1	0.07	<0.02	9	<0.1	<0.02	4.8
CAG196622	Sediment	17.8	48.6	1.02	243.6	0.083	3	1.41	0.044	0.07	0.2	3.7	0.05	<0.02	13	0.1	<0.02	4.8
CAG196623	Sediment	16.1	43.4	0.82	271.6	0.078	2	1.38	0.041	0.10	0.1	3.6	0.07	<0.02	19	0.2	0.02	4.7
CAG196624	Sediment	14.9	69.1	0.77	381.4	0.080	1	1.31	0.028	0.20	0.2	3.5	0.09	<0.02	17	<0.1	<0.02	4.6
CAG196625	Sediment	9.9	27.4	0.33	238.1	0.036	1	0.73	0.005	0.11	<0.1	2.2	0.07	<0.02	12	0.3	<0.02	2.6
CAG196626	Sediment	13.0	22.0	0.34	431.7	0.028	2	0.96	0.014	0.12	<0.1	2.4	0.09	0.02	15	0.1	0.04	2.8
CAG196627	Sediment	13.2	26.3	0.37	457.3	0.032	2	0.95	0.013	0.13	<0.1	2.5	0.08	0.02	17	0.3	<0.02	2.8
CAG196628	Sediment	11.7	26.7	0.35	374.4	0.028	2	0.92	0.011	0.12	<0.1	2.5	0.08	0.02	10	0.2	<0.02	3.0
CAG196629	Sediment	13.8	37.2	0.46	337.3	0.052	1	1.03	0.015	0.09	0.2	3.3	0.03	0.03	19	0.4	<0.02	3.4
CAG196630	Sediment	13.4	32.4	0.52	234.6	0.067	<1	1.24	0.015	0.08	0.2	2.9	0.06	0.03	16	0.3	<0.02	4.2
CAG196631	Sediment	11.8	26.1	0.34	266.2	0.040	1	0.88	0.013	0.08	0.1	2.4	0.04	0.02	12	0.2	<0.02	2.7
CAG196632	Sediment	13.9	31.8	0.49	300.8	0.060	1	1.18	0.015	0.08	0.2	3.2	0.07	0.03	35	0.5	<0.02	3.7
CAG196633	Sediment	12.7	22.5	0.47	183.9	0.060	<1	1.22	0.018	0.08	0.1	3.1	0.07	<0.02	16	0.2	<0.02	3.9
CAG196634	Sediment	10.2	22.2	0.42	120.6	0.061	<1	1.07	0.017	0.09	0.1	2.7	0.07	<0.02	8	<0.1	<0.02	3.6
CAG196635	Sediment	10.4	34.0	0.38	109.5	0.061	<1	1.06	0.013	0.07	0.2	2.7	0.06	<0.02	12	<0.1	<0.02	3.5
CAG196636	Sediment	9.9	22.9	0.52	128.9	0.060	<1	1.07	0.031	0.08	0.3	3.0	0.05	<0.02	30	<0.1	<0.02	3.2
CAG196637	Sediment	15.0	21.9	0.46	252.1	0.052	<1	1.21	0.018	0.08	0.2	3.1	0.06	0.02	31	0.1	<0.02	3.8
CAG196638	Sediment	13.7	15.6	0.36	218.0	0.055	<1	1.03	0.017	0.07	0.2	2.3	0.05	<0.02	22	<0.1	<0.02	3.2
CAG196651	Sediment	4.5	71.1	0.71	156.6	0.068	<1	0.88	0.015	0.09	<0.1	2.2	0.03	<0.02	<5	0.2	<0.02	2.9
CAG196652	Sediment	9.2	42.7	0.45	104.1	0.054	<1	0.96	0.019	0.09	<0.1	1.9	0.05	<0.02	<5	<0.1	<0.02	2.7
CAG196653	Sediment	7.3	54.2	0.54	105.1	0.056	<1	0.93	0.020	0.09	<0.1	1.9	0.03	<0.02	<5	<0.1	<0.02	2.5
CAG196654	Sediment	14.7	34.4	0.48	93.6	0.062	<1	1.07	0.022	0.16	<0.1	2.3	0.09	<0.02	<5	<0.1	<0.02	3.3

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Suite 410, 700 W. Pender Street
Vancouver BC V6C 1G8 Canada

Project: JP Ross
Report Date: February 21, 2012

CERTIFICATE OF ANALYSIS VAN11003670.2

	Method	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01	0.001
CAG196655	Sediment	0.35	6.87	7.10	30.9	12	12.3	4.8	137	1.73	2.4	1.1	<0.2	8.3	12.0	0.03	0.10	0.07	27	0.18	0.051
CAG196656	Sediment	0.16	9.95	4.50	28.6	10	19.2	7.0	189	1.55	1.1	0.7	<0.2	4.6	31.6	0.05	0.04	<0.02	27	0.43	0.083
CAG196657	Sediment	0.23	12.33	5.28	34.1	7	18.8	8.0	373	1.85	1.1	0.8	<0.2	5.6	23.5	0.05	0.07	<0.02	26	0.41	0.094
CAG196658	Sediment	0.24	9.34	5.02	31.9	6	18.4	8.4	222	1.85	2.3	0.8	<0.2	6.1	24.8	0.03	0.10	0.02	29	0.38	0.081
CAG196659	Sediment	0.19	5.52	5.51	25.4	9	10.5	4.4	161	1.45	2.3	0.8	0.4	7.1	25.2	0.03	0.13	0.02	23	0.40	0.081
CAG196660	Sediment	0.81	16.37	13.32	64.8	67	22.7	15.5	2438	3.27	11.3	1.6	12.6	5.3	50.7	0.21	0.36	0.07	55	0.69	0.084
CAG196661	Sediment	0.22	6.91	6.94	28.7	15	13.4	5.3	192	1.62	3.1	0.8	<0.2	6.5	27.4	0.04	0.14	0.03	24	0.36	0.062
CAG196662	Sediment	0.78	16.31	12.64	60.7	26	21.1	15.6	1470	3.17	6.6	0.9	<0.2	5.8	59.7	0.09	0.25	0.02	48	0.79	0.108
CAG196663	Sediment	0.23	7.91	9.23	34.6	20	14.0	6.5	265	1.58	2.2	0.8	3.3	5.7	27.4	0.06	0.14	0.02	26	0.39	0.061
CAG196664	Sediment	0.34	7.73	29.38	38.3	32	13.2	8.3	795	1.90	3.8	0.8	<0.2	5.3	32.0	0.08	0.16	<0.02	30	0.45	0.071
CAG196665	Sediment	0.23	8.26	19.71	37.8	29	18.1	8.1	382	1.84	3.0	0.8	0.3	5.2	32.3	0.08	0.13	<0.02	31	0.49	0.082
CAG196666	Sediment	0.31	8.54	14.61	37.9	23	8.3	6.1	200	1.70	2.6	0.6	2.8	2.9	22.9	0.07	0.18	0.03	39	0.39	0.060
CAG196667	Sediment	0.65	7.87	20.14	51.4	51	8.7	6.6	453	2.31	8.4	1.1	4.5	4.2	75.3	0.12	0.30	0.06	37	0.45	0.087
CAG196668	Sediment	0.33	8.38	17.79	50.3	36	10.4	5.5	275	1.69	3.5	1.0	1.6	4.3	51.0	0.08	0.23	0.05	31	0.49	0.086
CAG196669	Sediment	0.31	10.53	9.83	46.9	43	13.3	6.6	179	1.82	3.5	0.9	0.7	3.4	55.6	0.13	0.29	0.03	36	0.53	0.074
CAG196670	Sediment	0.92	19.71	18.48	64.4	65	19.3	13.0	630	3.32	17.6	0.8	0.3	5.1	63.5	0.24	0.70	0.12	65	0.69	0.113
CAG196671	Sediment	0.90	10.93	18.35	59.8	46	10.3	10.0	1004	2.98	13.8	2.0	6.9	5.6	114.9	0.13	0.24	0.12	43	0.75	0.129
CAG196672	Sediment	1.17	60.55	29.34	133.6	135	32.9	12.3	448	3.14	13.4	1.6	23.1	10.0	21.3	0.39	0.30	0.30	37	0.33	0.073
CAG196673	Sediment	0.40	12.74	15.78	43.6	41	12.6	7.8	261	1.79	4.5	0.8	2.6	3.3	33.9	0.17	0.23	0.13	34	0.54	0.081
CAG196674	Sediment	0.47	13.07	17.54	67.1	60	8.9	7.9	318	2.19	4.6	1.1	1.5	4.2	60.6	0.13	0.26	0.16	38	0.59	0.105
CAG196675	Sediment	0.31	10.77	11.78	59.2	58	10.7	8.2	569	1.77	3.0	1.0	1.3	3.6	55.4	0.17	0.21	0.11	33	0.57	0.083
CAG196676	Sediment	0.37	7.22	12.87	55.8	44	6.4	6.1	315	1.86	4.1	1.1	1.2	4.1	56.2	0.10	0.23	0.57	38	0.44	0.107
CAG196677	Sediment	0.43	20.44	13.60	73.8	123	16.8	11.1	412	2.18	5.2	1.6	1.9	4.2	55.2	0.28	0.31	0.19	41	0.62	0.085
CAG196678	Sediment	1.12	14.42	27.75	69.8	78	10.0	10.2	692	3.15	28.2	1.7	2.0	6.2	90.3	0.24	0.60	5.23	70	0.67	0.133
CAG196679	Sediment	0.47	12.78	11.36	56.8	62	10.9	9.9	480	2.76	7.1	0.9	2.0	3.3	46.1	0.17	0.28	0.14	41	0.64	0.119
CAG196680	Sediment	0.56	14.66	16.16	66.5	67	12.3	12.1	964	3.01	8.6	1.1	4.5	3.6	50.6	0.23	0.71	0.18	44	0.63	0.109
CAG196681	Sediment	0.42	11.16	12.36	63.0	47	10.4	8.6	395	2.41	4.8	1.1	1.1	3.5	46.7	0.14	0.27	0.12	41	0.53	0.105
CAG196682	Sediment	0.43	9.75	11.38	55.6	48	9.5	8.4	504	2.34	4.5	1.1	1.5	4.2	45.0	0.12	0.23	0.12	39	0.55	0.105
CAG196683	Sediment	0.44	12.86	14.33	52.9	52	11.2	9.0	429	2.37	4.1	1.1	0.9	4.6	41.5	0.12	0.23	0.16	38	0.54	0.098
CAG196684	Sediment	0.40	11.70	12.37	51.6	50	11.6	9.1	444	2.34	4.7	1.1	0.8	4.5	39.1	0.13	0.23	0.12	39	0.54	0.098

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	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm
	MDL	0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1
CAG196655	Sediment	24.1	20.2	0.35	63.7	0.071	<1	1.13	0.005	0.17	0.2	1.8	0.15	<0.02	6	<0.1	<0.02	3.8
CAG196656	Sediment	12.8	30.9	0.46	94.4	0.060	<1	1.07	0.021	0.15	<0.1	2.1	0.08	<0.02	<5	<0.1	<0.02	3.2
CAG196657	Sediment	16.4	27.2	0.47	103.7	0.062	<1	1.16	0.018	0.20	<0.1	2.3	0.11	<0.02	11	<0.1	<0.02	3.4
CAG196658	Sediment	15.4	29.2	0.42	106.5	0.063	<1	1.10	0.016	0.16	0.1	2.1	0.09	<0.02	<5	<0.1	<0.02	3.2
CAG196659	Sediment	17.5	17.4	0.25	72.6	0.050	<1	0.97	0.009	0.10	0.2	1.7	0.06	<0.02	12	<0.1	<0.02	2.8
CAG196660	Sediment	21.8	29.2	0.53	357.5	0.084	2	1.42	0.020	0.12	0.3	3.5	0.11	0.04	26	0.2	<0.02	4.3
CAG196661	Sediment	16.8	18.8	0.31	95.4	0.055	<1	1.06	0.011	0.13	<0.1	1.8	0.08	<0.02	7	<0.1	<0.02	3.1
CAG196662	Sediment	15.8	30.6	0.65	175.6	0.063	<1	1.60	0.031	0.11	<0.1	3.6	0.06	<0.02	10	0.1	0.03	6.2
CAG196663	Sediment	16.7	21.2	0.35	116.5	0.064	<1	1.13	0.013	0.13	0.2	2.0	0.09	<0.02	15	<0.1	<0.02	3.2
CAG196664	Sediment	14.3	24.0	0.36	122.4	0.056	1	0.95	0.020	0.10	0.2	2.0	0.06	<0.02	9	<0.1	<0.02	3.0
CAG196665	Sediment	14.4	42.1	0.43	118.7	0.062	1	1.01	0.018	0.09	0.2	2.3	0.06	0.02	6	<0.1	<0.02	3.2
CAG196666	Sediment	9.4	21.2	0.40	135.1	0.050	<1	1.07	0.020	0.09	<0.1	3.1	0.04	<0.02	7	<0.1	<0.02	3.3
CAG196667	Sediment	15.4	15.6	0.33	281.9	0.057	1	1.06	0.021	0.06	0.2	2.3	0.06	<0.02	23	<0.1	<0.02	3.3
CAG196668	Sediment	15.8	19.0	0.37	232.8	0.056	2	1.01	0.017	0.07	0.1	2.4	0.06	<0.02	21	<0.1	<0.02	3.5
CAG196669	Sediment	12.9	20.0	0.48	212.9	0.074	<1	1.24	0.030	0.06	0.1	2.6	0.04	0.15	26	<0.1	<0.02	3.6
CAG196670	Sediment	17.9	25.7	0.55	282.9	0.083	1	1.42	0.036	0.08	0.2	3.4	0.07	<0.02	25	0.2	<0.02	4.3
CAG196671	Sediment	19.3	13.2	0.45	330.7	0.034	2	1.26	0.037	0.08	<0.1	3.0	0.11	<0.02	14	0.2	<0.02	3.7
CAG196672	Sediment	29.9	32.8	0.65	204.4	0.041	<1	1.37	0.012	0.21	<0.1	3.4	0.09	0.08	26	0.6	0.03	4.0
CAG196673	Sediment	12.1	20.1	0.37	182.2	0.033	3	0.95	0.017	0.06	<0.1	3.2	0.06	<0.02	34	0.2	0.04	3.2
CAG196674	Sediment	15.8	15.4	0.47	209.4	0.072	2	1.18	0.042	0.08	<0.1	2.9	0.07	0.04	31	0.2	<0.02	3.6
CAG196675	Sediment	14.7	16.1	0.45	222.7	0.067	2	1.12	0.032	0.07	0.1	2.8	0.07	0.04	27	0.2	<0.02	3.6
CAG196676	Sediment	18.5	13.0	0.38	208.1	0.077	2	1.14	0.027	0.05	0.1	3.0	0.15	<0.02	25	0.1	<0.02	3.8
CAG196677	Sediment	17.9	23.6	0.49	280.3	0.057	2	1.36	0.024	0.08	<0.1	3.8	0.10	0.12	40	0.5	0.03	4.0
CAG196678	Sediment	24.5	20.0	0.63	304.8	0.082	8	1.75	0.039	0.12	0.1	4.8	1.03	<0.02	28	0.3	0.06	5.7
CAG196679	Sediment	13.8	14.4	0.43	226.3	0.072	1	1.13	0.031	0.09	0.1	3.6	0.06	0.05	28	0.3	0.02	4.2
CAG196680	Sediment	15.3	14.5	0.46	238.8	0.086	2	1.19	0.030	0.11	0.1	3.7	0.06	0.04	28	0.3	<0.02	4.3
CAG196681	Sediment	15.1	15.0	0.41	247.8	0.082	2	1.04	0.028	0.08	0.1	3.1	0.05	0.05	23	0.3	0.03	3.9
CAG196682	Sediment	16.0	14.3	0.44	199.9	0.083	1	1.07	0.029	0.10	0.1	3.2	0.06	0.02	20	0.2	0.02	3.9
CAG196683	Sediment	17.3	18.9	0.54	198.9	0.080	1	1.23	0.025	0.15	0.1	3.3	0.08	0.03	30	0.3	0.02	4.4
CAG196684	Sediment	16.7	18.7	0.52	192.4	0.079	1	1.21	0.025	0.14	0.1	3.3	0.07	0.02	26	0.2	0.03	4.2

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	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01	0.001
CAG196685	Sediment	0.42	9.63	24.98	55.0	50	9.4	9.2	400	2.45	4.3	0.9	3.6	4.7	35.4	0.11	0.20	0.10	39	0.50	0.115
CAG196686	Sediment	0.42	8.10	14.17	42.9	35	6.5	8.8	319	2.26	3.8	0.4	1.1	3.4	25.9	0.07	0.14	0.05	49	0.42	0.071
CAG196687	Sediment	0.25	11.56	7.09	57.4	37	31.0	12.5	540	2.43	1.8	0.7	0.5	3.6	36.9	0.09	0.09	0.05	51	0.60	0.119
CAG196688	Sediment	0.38	8.99	11.05	51.8	26	12.6	11.4	392	2.48	3.2	0.4	0.3	3.8	30.5	0.07	0.12	0.04	54	0.55	0.090
CAG196689	Sediment	0.27	8.53	11.53	44.3	20	13.3	9.8	362	2.21	2.5	0.5	0.4	3.2	31.9	0.06	0.11	0.04	48	0.60	0.103
CAG196690	Sediment	0.40	10.43	9.67	48.3	21	14.4	11.1	467	2.43	3.4	0.8	0.6	4.9	31.0	0.08	0.13	0.06	46	0.53	0.099
CAG196691	Sediment	0.42	9.82	12.07	40.8	41	13.1	7.4	240	1.91	4.6	0.6	1.3	3.4	23.3	0.09	0.22	0.07	40	0.47	0.094
CAG196692	Sediment	0.52	12.25	7.92	52.0	28	17.7	10.5	386	2.51	5.4	0.6	0.9	4.3	24.3	0.09	0.21	0.06	48	0.49	0.100
CAG196693	Sediment	0.43	12.28	12.05	44.9	39	16.1	10.0	433	2.23	4.0	0.9	1.6	5.8	24.4	0.08	0.18	0.09	38	0.40	0.076
CAG196694	Sediment	0.40	11.58	12.93	58.5	37	18.3	12.3	412	2.52	4.0	1.0	0.6	6.3	30.0	0.08	0.14	0.07	40	0.47	0.085
CAG196695	Sediment	0.31	9.35	7.99	46.4	23	15.1	10.4	520	2.20	3.7	0.8	0.7	4.9	29.0	0.07	0.12	0.05	33	0.38	0.075
CAG196696	Sediment	0.38	14.26	7.91	56.8	54	18.0	11.2	494	2.42	4.3	1.1	1.0	4.1	34.0	0.12	0.23	0.08	43	0.47	0.069
CAG196697	Sediment	0.36	15.63	9.20	57.7	58	19.7	11.2	552	2.23	4.3	1.1	5.2	4.1	36.8	0.14	0.25	0.08	41	0.59	0.069
CAG196698	Sediment	0.27	11.59	6.62	56.9	45	17.2	10.0	353	2.12	4.6	0.6	1.2	3.4	32.6	0.13	0.20	0.06	37	0.55	0.089
CAG196699	Sediment	1.70	9.56	34.38	97.0	148	17.2	9.1	566	3.20	16.0	0.8	14.9	3.0	39.2	0.49	0.94	0.22	48	0.55	0.122
CAG196700	Sediment	2.69	34.81	179.8	590.2	987	55.2	25.8	1828	4.38	30.9	0.8	11.0	3.5	34.5	8.23	2.00	1.25	70	0.61	0.143
CAG197001	Sediment	1.09	7.59	13.37	38.1	54	6.7	7.4	393	1.92	4.7	1.2	1.6	4.0	41.5	0.06	0.18	0.16	34	0.20	0.048
CAG197002	Sediment	0.46	7.86	11.20	38.8	33	8.7	6.5	236	2.11	4.8	0.8	0.6	3.6	31.3	0.07	0.17	0.09	37	0.38	0.070
CAG197003	Sediment	0.28	11.16	10.07	37.2	38	30.2	10.0	470	1.75	3.4	0.8	6.7	3.9	39.8	0.09	0.14	0.07	34	0.61	0.091
CAG197004	Sediment	0.40	12.24	14.57	39.2	33	21.1	10.4	363	1.98	4.1	0.7	0.6	4.0	44.1	0.11	0.19	0.07	40	0.67	0.111
CAG197005	Sediment	0.23	7.99	7.55	33.5	21	15.3	6.8	252	1.55	2.4	0.6	3.7	3.8	32.1	0.06	0.13	0.04	36	0.58	0.122
CAG197006	Sediment	0.21	9.22	7.24	37.0	22	17.3	7.9	216	1.60	2.5	0.7	8.1	4.0	36.5	0.07	0.15	0.05	33	0.57	0.107
CAG197007	Sediment	0.22	9.15	7.49	39.9	31	17.9	7.5	208	1.58	2.9	0.7	5.6	4.3	35.6	0.08	0.19	0.05	32	0.56	0.101
CAG197008	Sediment	0.35	15.87	9.11	60.6	53	21.7	11.5	326	2.06	3.5	1.0	1.3	3.9	36.7	0.15	0.24	0.09	39	0.56	0.074
CAG197009	Sediment	0.64	17.59	8.65	48.6	51	17.3	9.5	330	2.23	6.4	0.9	4.6	4.6	29.6	0.17	0.45	0.13	46	0.47	0.086
CAG197010	Sediment	0.45	15.22	8.96	60.1	54	20.0	10.6	424	2.13	4.3	1.0	2.0	4.3	36.6	0.19	0.32	0.11	43	0.55	0.077
CAG197011	Sediment	0.43	16.37	8.23	58.1	61	22.7	11.8	301	2.06	3.7	1.0	1.9	3.9	36.2	0.19	0.33	0.10	41	0.48	0.072
CAG197012	Sediment	0.29	11.18	9.38	46.1	39	17.8	11.0	429	2.07	3.4	0.9	1.8	4.3	34.0	0.15	0.20	0.08	38	0.48	0.079

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Client: **Selene Holdings LP**
Suite 410, 700 W. Pender Street
Vancouver BC V6C 1G8 Canada

Project: JP Ross
Report Date: February 21, 2012

CERTIFICATE OF ANALYSIS VAN11003670.2

	Method	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm
	MDL	0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1
CAG196685	Sediment	16.7	15.5	0.56	171.7	0.089	2	1.18	0.028	0.16	0.2	3.5	0.08	<0.02	16	0.2	<0.02	4.6
CAG196686	Sediment	8.9	13.2	0.59	127.2	0.088	1	1.32	0.025	0.09	0.2	2.8	0.04	<0.02	9	0.1	0.02	3.9
CAG196687	Sediment	10.7	51.0	0.83	220.5	0.089	1	1.71	0.021	0.23	<0.1	4.1	0.12	<0.02	22	0.2	0.03	5.7
CAG196688	Sediment	8.4	23.3	0.77	147.3	0.095	<1	1.54	0.031	0.14	0.1	3.4	0.05	<0.02	11	0.1	<0.02	4.7
CAG196689	Sediment	7.9	23.8	0.65	140.4	0.080	1	1.47	0.033	0.15	0.1	3.4	0.06	<0.02	11	0.1	<0.02	4.4
CAG196690	Sediment	12.9	21.4	0.56	132.6	0.086	<1	1.39	0.023	0.19	0.1	3.3	0.10	<0.02	8	<0.1	0.02	4.5
CAG196691	Sediment	12.4	20.4	0.47	153.4	0.077	1	1.22	0.023	0.08	0.3	2.9	0.05	<0.02	32	0.2	<0.02	3.8
CAG196692	Sediment	13.2	27.1	0.64	140.6	0.079	<1	1.35	0.025	0.09	0.3	3.5	0.05	<0.02	13	0.2	0.03	4.5
CAG196693	Sediment	17.7	23.3	0.47	160.9	0.090	1	1.30	0.017	0.19	0.2	2.8	0.13	<0.02	34	0.3	0.04	4.0
CAG196694	Sediment	18.1	26.6	0.59	154.6	0.097	<1	1.45	0.021	0.22	0.1	3.0	0.14	<0.02	13	0.2	<0.02	4.8
CAG196695	Sediment	14.4	20.8	0.46	134.6	0.075	<1	1.19	0.016	0.18	0.1	2.3	0.11	<0.02	15	0.2	0.02	3.7
CAG196696	Sediment	15.8	26.3	0.55	193.3	0.092	1	1.46	0.017	0.15	0.2	3.2	0.10	0.03	25	0.3	0.03	4.4
CAG196697	Sediment	16.5	29.1	0.53	201.1	0.090	1	1.36	0.018	0.12	0.2	3.2	0.09	0.04	36	0.4	0.03	4.2
CAG196698	Sediment	13.2	24.5	0.46	203.3	0.067	2	1.13	0.016	0.06	0.2	2.7	0.05	0.03	30	0.3	<0.02	3.7
CAG196699	Sediment	22.8	28.0	0.42	355.7	0.022	2	1.06	0.010	0.06	0.2	2.5	0.09	<0.02	18	0.2	0.04	3.4
CAG196700	Sediment	19.4	85.1	1.01	259.5	0.046	2	1.73	0.010	0.10	0.1	5.0	0.17	0.04	26	0.6	0.17	5.6
CAG197001	Sediment	16.5	12.8	0.11	149.5	0.016	<1	0.61	0.005	0.04	<0.1	3.4	0.12	<0.02	39	0.3	0.04	3.3
CAG197002	Sediment	13.2	15.8	0.18	141.8	0.052	1	0.72	0.010	0.04	<0.1	2.9	0.06	<0.02	22	0.2	<0.02	2.6
CAG197003	Sediment	13.1	45.3	0.41	160.1	0.068	2	1.02	0.025	0.08	<0.1	2.9	0.07	<0.02	16	0.3	0.03	3.2
CAG197004	Sediment	12.2	34.7	0.49	140.2	0.081	1	1.25	0.043	0.11	0.1	2.7	0.07	<0.02	15	0.2	<0.02	3.7
CAG197005	Sediment	12.0	35.2	0.35	101.4	0.089	<1	0.90	0.026	0.08	0.3	2.4	0.04	<0.02	12	0.1	0.02	2.8
CAG197006	Sediment	13.0	31.5	0.42	125.7	0.077	1	1.07	0.027	0.10	0.2	2.5	0.06	<0.02	20	0.3	<0.02	3.4
CAG197007	Sediment	14.1	29.5	0.41	121.2	0.075	1	1.02	0.025	0.07	0.3	2.4	0.05	<0.02	15	0.2	0.03	3.2
CAG197008	Sediment	16.5	30.7	0.52	204.5	0.079	1	1.37	0.020	0.10	0.2	3.5	0.09	0.07	38	0.5	0.03	4.3
CAG197009	Sediment	14.6	24.6	0.49	199.2	0.074	1	1.07	0.017	0.09	0.3	2.8	0.06	<0.02	28	0.2	0.05	3.4
CAG197010	Sediment	15.9	29.0	0.55	204.5	0.087	1	1.33	0.020	0.10	0.2	3.2	0.08	0.03	37	0.1	0.05	4.3
CAG197011	Sediment	14.6	28.8	0.53	207.9	0.082	1	1.32	0.021	0.09	0.2	3.2	0.08	0.08	36	0.3	0.04	3.9
CAG197012	Sediment	13.0	28.4	0.48	157.3	0.076	1	1.13	0.022	0.09	0.3	2.9	0.06	0.03	20	0.1	<0.02	3.5

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Suite 410, 700 W. Pender Street
Vancouver BC V6C 1G8 Canada

Project: JP Ross
Report Date: February 21, 2012

QUALITY CONTROL REPORT VAN11003670.2

	Method	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01	0.001
Pulp Duplicates																					
CAG196204	Sediment	0.24	10.59	5.38	31.0	25	31.4	8.2	331	1.45	2.1	0.5	<0.2	2.1	29.5	0.05	0.11	0.04	29	0.39	0.070
REP CAG196204	QC	0.25	10.75	5.42	33.2	26	32.8	8.8	352	1.53	2.4	0.5	<0.2	2.2	30.1	0.05	0.14	0.05	32	0.41	0.071
CAG196226	Sediment	0.71	22.73	10.59	78.2	129	23.9	20.9	3697	4.67	15.0	1.7	3.0	3.3	78.7	0.43	0.46	0.20	55	1.06	0.104
REP CAG196226	QC	0.74	22.49	11.54	79.5	130	23.1	20.6	3602	4.67	14.7	1.6	3.4	3.4	74.5	0.43	0.44	0.19	55	1.03	0.099
CAG196602	Sediment	1.08	20.99	22.89	132.0	84	28.9	16.1	1138	2.69	8.6	0.5	2.9	3.4	16.6	1.31	0.51	0.18	53	0.29	0.084
REP CAG196602	QC	1.06	20.51	23.00	125.0	73	28.5	16.0	1130	2.69	8.3	0.5	1.1	3.3	16.2	1.25	0.50	0.18	53	0.28	0.083
CAG196608	Sediment	0.62	13.28	8.18	59.5	44	31.4	9.5	561	2.50	6.7	1.2	1.6	4.8	73.5	0.09	0.22	0.08	53	0.63	0.152
REP CAG196608	QC	0.55	12.87	7.69	56.1	47	30.2	9.5	537	2.48	6.8	1.1	6.5	4.4	70.9	0.10	0.22	0.06	52	0.63	0.143
CAG196634	Sediment	0.54	7.86	9.77	48.9	21	10.1	7.6	315	2.31	6.3	0.8	2.6	3.6	28.7	0.07	0.24	0.03	41	0.55	0.108
REP CAG196634	QC	0.57	8.24	10.61	50.8	22	9.9	7.7	306	2.28	6.1	0.8	5.2	3.7	28.6	0.12	0.25	0.04	41	0.54	0.109
CAG196660	Sediment	0.81	16.37	13.32	64.8	67	22.7	15.5	2438	3.27	11.3	1.6	12.6	5.3	50.7	0.21	0.36	0.07	55	0.69	0.084
REP CAG196660	QC	0.74	15.95	12.94	64.1	57	21.4	14.7	2353	3.22	10.8	1.6	4.8	5.1	49.2	0.21	0.36	0.06	54	0.67	0.083
CAG196690	Sediment	0.40	10.43	9.67	48.3	21	14.4	11.1	467	2.43	3.4	0.8	0.6	4.9	31.0	0.08	0.13	0.06	46	0.53	0.099
REP CAG196690	QC	0.41	10.22	9.71	48.4	20	13.3	11.4	465	2.43	3.6	0.8	0.4	5.3	30.1	0.07	0.13	0.06	46	0.48	0.099
CAG197008	Sediment	0.35	15.87	9.11	60.6	53	21.7	11.5	326	2.06	3.5	1.0	1.3	3.9	36.7	0.15	0.24	0.09	39	0.56	0.074
REP CAG197008	QC	0.36	15.50	9.07	62.5	54	21.9	11.3	325	2.05	3.5	1.0	0.9	3.9	36.4	0.16	0.24	0.09	39	0.56	0.074
Reference Materials																					
STD DS8	Standard	13.77	115.9	128.3	318.0	1786	40.2	7.9	629	2.62	26.2	3.1	123.3	7.6	68.5	2.61	5.61	7.30	44	0.77	0.084
STD DS8	Standard	13.92	107.9	124.9	307.2	1723	38.6	7.6	618	2.42	24.2	2.9	114.4	7.5	67.1	2.27	5.62	6.21	42	0.73	0.079
STD DS8	Standard	13.77	107.9	125.0	305.7	1783	37.8	7.8	609	2.47	23.7	2.7	116.0	7.1	72.1	2.38	5.63	6.25	40	0.74	0.079
STD DS8	Standard	12.57	101.3	120.1	298.7	1686	35.8	7.0	592	2.34	23.4	2.8	107.7	7.3	68.1	2.22	5.35	5.62	41	0.71	0.077
STD DS8	Standard	13.29	107.2	118.0	292.0	1671	38.4	7.8	612	2.38	23.6	2.8	103.5	6.8	60.5	2.38	5.24	6.52	41	0.74	0.079
STD DS8 Expected		13.44	110	123	312	1690	38.1	7.5	615	2.46	26	2.8	107	6.89	67.7	2.38	5.7	6.67	41.1	0.7	0.08
BLK	Blank	<0.01	<0.01	<0.01	<0.1	<2	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2	<0.01	<0.001
BLK	Blank	<0.01	<0.01	<0.01	<0.1	<2	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2	<0.01	<0.001
BLK	Blank	<0.01	<0.01	<0.01	<0.1	<2	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2	<0.01	<0.001
BLK	Blank	<0.01	<0.01	<0.01	<0.1	<2	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2	<0.01	<0.001
BLK	Blank	<0.01	<0.01	<0.01	<0.1	<2	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2	<0.01	<0.001

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Report Date: February 21, 2012

QUALITY CONTROL REPORT VAN11003670.2

	Method	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm
	MDL	0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1
Pulp Duplicates																		
CAG196204	Sediment	7.0	51.9	0.49	120.0	0.034	1	0.77	0.013	0.05	0.1	2.3	0.05	<0.02	14	<0.1	<0.02	2.2
REP CAG196204	QC	7.4	53.7	0.50	129.5	0.039	2	0.85	0.014	0.05	0.1	2.5	0.05	<0.02	8	<0.1	<0.02	2.4
CAG196226	Sediment	18.5	29.4	0.51	591.7	0.038	4	1.51	0.014	0.07	<0.1	4.5	0.16	0.07	89	0.6	0.02	4.4
REP CAG196226	QC	18.7	29.1	0.51	583.2	0.036	4	1.51	0.015	0.07	<0.1	4.2	0.15	0.07	72	0.5	<0.02	4.3
CAG196602	Sediment	14.3	37.1	0.57	272.0	0.046	1	1.09	0.009	0.10	<0.1	2.7	0.08	<0.02	9	<0.1	0.06	4.3
REP CAG196602	QC	13.9	36.2	0.57	263.7	0.045	2	1.09	0.010	0.10	0.1	2.7	0.08	<0.02	<5	<0.1	0.08	4.1
CAG196608	Sediment	15.5	53.2	0.64	290.2	0.072	1	1.13	0.027	0.13	0.3	3.1	0.07	<0.02	5	<0.1	<0.02	4.0
REP CAG196608	QC	14.9	51.6	0.62	283.9	0.073	1	1.11	0.027	0.12	0.4	2.9	0.06	<0.02	10	<0.1	<0.02	3.9
CAG196634	Sediment	10.2	22.2	0.42	120.6	0.061	<1	1.07	0.017	0.09	0.1	2.7	0.07	<0.02	8	<0.1	<0.02	3.6
REP CAG196634	QC	9.7	21.5	0.41	122.0	0.058	<1	1.06	0.018	0.09	<0.1	2.8	0.06	<0.02	12	<0.1	<0.02	3.6
CAG196660	Sediment	21.8	29.2	0.53	357.5	0.084	2	1.42	0.020	0.12	0.3	3.5	0.11	0.04	26	0.2	<0.02	4.3
REP CAG196660	QC	20.8	27.8	0.52	339.4	0.077	2	1.38	0.019	0.12	0.2	3.3	0.10	0.04	29	0.3	<0.02	4.3
CAG196690	Sediment	12.9	21.4	0.56	132.6	0.086	<1	1.39	0.023	0.19	0.1	3.3	0.10	<0.02	8	<0.1	0.02	4.5
REP CAG196690	QC	12.7	21.4	0.56	128.7	0.085	<1	1.38	0.022	0.19	0.1	3.2	0.10	<0.02	6	0.2	0.03	4.5
CAG197008	Sediment	16.5	30.7	0.52	204.5	0.079	1	1.37	0.020	0.10	0.2	3.5	0.09	0.07	38	0.5	0.03	4.3
REP CAG197008	QC	16.6	29.4	0.51	206.4	0.080	2	1.36	0.020	0.10	0.2	3.5	0.09	0.07	41	0.4	0.04	4.3
Reference Materials																		
STD DS8	Standard	16.4	124.7	0.65	278.7	0.123	3	0.99	0.100	0.45	3.0	2.2	5.58	0.17	195	4.9	5.07	4.6
STD DS8	Standard	16.5	119.6	0.60	279.4	0.115	2	0.98	0.112	0.43	2.9	2.1	5.39	0.16	202	4.9	5.02	4.7
STD DS8	Standard	17.0	124.9	0.61	289.1	0.120	2	1.08	0.088	0.46	3.0	2.8	5.56	0.15	211	4.8	5.05	4.7
STD DS8	Standard	16.5	118.5	0.58	272.7	0.111	2	0.96	0.106	0.42	2.9	2.3	5.28	0.16	191	4.6	4.71	4.6
STD DS8	Standard	16.6	113.7	0.61	271.8	0.117	3	0.98	0.107	0.42	2.7	2.3	5.37	0.16	187	4.8	4.85	4.5
STD DS8 Expected		14.6	115	0.6045	279	0.113	2.6	0.93	0.0883	0.41	3	2.3	5.4	0.1679	192	5.23	5	4.7
BLK	Blank	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1
BLK	Blank	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1
BLK	Blank	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1
BLK	Blank	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1
BLK	Blank	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.